

2024 Kentucky Extension Wheat Production Contest

Reported Yield

Entry Form

Deadline: postmarked July 29, 2024 Please include agronomic data

Agronomic Data (Incomplete Data Could Lead to Disqualification of Entry)

Producer _____ County _____ Harvest Date _____
Address _____ Phone _____
Town _____, KY Zip _____ Mobile _____

Check Division: **Division I, Tillage; includes conventional & minimum tillage** _____ **Division II, No Tillage** _____
Previous Crop _____ Wheat Variety _____ Row Width (inches) _____
Planting Date _____ Seeding Rate (seeds/A or lb/A) _____
Fall Fertilizer (lb/acre) N lb/A _____ P₂O₅ lb/A _____ K₂O lb/A _____
Winter/Spring Nitrogen (N) Date: _____ N, lb/A: _____ Date: _____ N, lb/A: _____
Other fertilizers (type, rate, timing) _____
Biostimulants, Biologicals, Other _____
Manure within the last 18 months Type: _____ Tons/A: _____ Date: _____
Growth Regulator(s) product, rate, timing _____
Pest Management Fall: _____
include herbicides, fungicides & insecticides Spring: _____
Heading/Flowering: _____
Tillage Used _____

Yield Determination

Exact size of measured area in nearest half or whole feet from which yield is determined with minimum of three (3) acres, (130,680 sq. ft.). Draw diagram of field on back of this form if not uniform.

Harvest Area

Length (ft) _____ x Width (ft) _____ = _____ (ft²) ÷ 43,560 ft² = _____
(round to 0.5ft) (round to 0.5ft) (round to 0.5ft²) Acres (2 decimals)

Grain Characteristics

% Moisture _____ Test Weight _____
(1 decimal) (1 decimal)

Calculation of Official Yield (see examples on next page)

lbs of wheat _____ x [(100-% Moisture) / 86.5] / 60 / _____ = _____
acres Bu/Acre (2 decimals)

Signed:

Producer Date Supervising Agent Date

Print Name Print Name

PLEASE ATTACH WEIGH TICKET HERE

Send completed form to: Chad Lee
423 Plant Science Building
1405 Veterans Drive
Lexington, KY 40546-0312

Profession _____
phone _____
email _____

Example Calculations

Example: 1

18,000 lbs of wheat, 17.5% grain moisture, 3.20 acres

$$18,000 \text{ lbs} \times [(100-17.5) / 86.5] / 60 \text{ lb/bu} / 3.20 \text{ acres} = \underline{89.41} \text{ bu/acre}$$

Example: 2

25,000 lbs of wheat, 17.5% grain moisture, 3.20 acres

$$25,000 \text{ lbs} \times [(100-17.5) / 86.5] / 60 \text{ lb/bu} / 3.20 \text{ acres} = \underline{124.19} \text{ bu/acre}$$

Field Diagrams Here, if needed

2024 Kentucky Extension Wheat Production Contest Rules

- I. **Objectives:** The objectives of the contest are (1) to emphasize those production practices necessary for efficient and profitable wheat production, (2) to encourage producers to strive for higher, efficient yields, (3) to determine which practices produced the highest yields, and (4) to recognize those producers who achieved superior yields.
- II. **Who is Eligible to Enter:** Any person who produces ten (10) acres or more of wheat in Kentucky is eligible. A producer may make more than one entry if the entries are from different fields or farms. However, a producer or farming unit will only be eligible for one (1) award.
- III. **Contest Classes:** The contest will be divided into two (2) Divisions:
 - a. **Division I:** Conventional or Minimum tillage, and
 - b. **Division II:** No-tillage, defined as "wheat seeded into undisturbed soil (no preplant tillage of any form allowed) following harvest of corn or soybeans in the fall. The corn stalks may be chopped in some manner."
- IV. **Contest Requirements:**
 - a. **Production Practices** - A record of all production practices must be submitted with the yield certification form.
 - b. **Harvested Acres** - A minimum of three (3) acres, all in Kentucky, must be harvested from a continuously planted area with four straight sides if possible. **Reasonable** variations will be acceptable.
 - c. **Yield Determination** - Official yields shall consist of the weight of the harvested wheat on certified public scales, corrected to 13.5% moisture and converted to bushels per acre. The County Extension Agent for Agriculture or designated representative is responsible for verifying the yield and agronomic data of each entry from that county.
 - d. **Entry Deadlines** - The Certified Agronomic Data and Yield Form should be completed and sent to the state office as soon as possible after harvest but no later than **July 29, 2024** by the county extension agent or designated person
- V. **Awards:** (There **may** be a cash award to the Agent with the Highest Entry) Cash awards will be made only to those who attend the Annual Awards Banquet.
 - a. **State Awards:** The top entry in each Division will be awarded with the State Award. An appropriate trophy/plaque is awarded to the highest yield. The Traveling Trophy will be presented to the producer with the overall highest yield.
 - i. 1st Place State Champion: Division I – Tillage
 - ii. 1st Place State Champion: Division II – No-Tillage
 - b. **Area Awards:** Top entry in each area not a state winner will be recognized. Awards will be given if enough entries are submitted.
 - i. Area 1 – Purchase and Pennyrile Areas
 - ii. Area 2 – Green River Area
 - iii. Area 3 – Mammoth Cave Area
 - iv. Area 4 – Rest of State
 - c. **Supervisor Awards:** Two supervisor (2) awards shall be given
 - i. Top Average Yield: resulting from highest three (3) yields by one supervisor
 - ii. Most Entries: must be at least four (4) entries to qualify

Counties Sorted By Area							
County	Area		County	Area		County	Area
Ballard	1		Meade	4		Owen	4
Calloway	1		Nelson	4		Pendleton	4
Carlisle	1		Washington	4		Pike	4
Fulton	1		Anderson	4		Powell	4
Graves	1		Bath	4		Robertson	4
Hickman	1		Boone	4		Scott	4
Marshall	1		Bourbon	4		Shelby	4
McCracken	1		Boyle	4		Spencer	4
Caldwell	1		Bracken	4		Trimble	4
Christian	1		Bullitt	4		Woodford	4
Crittenden	1		Campbell	4		Bell	4
Hopkins	1		Carroll	4		Boyd	4
Lyon	1		Carter	4		Breathitt	4
Todd	1		Clark	4		Casey	4
Trigg	1		Clay	4		Clinton	4
Daviess	2		Elliott	4		Cumberland	4
Hancock	2		Estill	4		Green	4
Henderson	2		Fayette	4		Harlan	4
McLean	2		Fleming	4		Jackson	4
Muhlenberg	2		Floyd	4		Knott	4
Ohio	2		Franklin	4		Knox	4
Union	2		Gallatin	4		Laurel	4
Webster	2		Garrard	4		Leslie	4
Adair	3		Grant	4		Letcher	4
Allen	3		Greenup	4		Livingston	4
Barren	3		Harrison	4		Magoffin	4
Butler	3		Henry	4		Martin	4
Edmonson	3		Jefferson	4		Mason	4
Hart	3		Jessamine	4		McCreary	4
Logan	3		Johnson	4		Morgan	4
Metcalfe	3		Kenton	4		Owsley	4
Monroe	3		Lawrence	4		Perry	4
Simpson	3		Lee	4		Pulaski	4
Warren	3		Lewis	4		Rockcastle	4
Breckinridge	4		Lincoln	4		Rowan	4
Grayson	4		Menifee	4		Russell	4
Hardin	4		Mercer	4		Taylor	4
LaRue	4		Montgomery	4		Wayne	4
Madison	4		Nicholas	4		Whitley	4
Marion	4		Oldham	4		Wolfe	4